

Abstract

The invention relates to a multistage transmission for an internal combustion engine with a disconnect-type clutch, a drive shaft and a driven shaft on which engaged gear wheels are arranged to achieve different gear steps. Clutches (S1 to S4) actuated via shift forks (6 to 12) are used to move the speed gears to generate a frictional connection with the gear shaft (2, 4). The gear change is effected by means of a control cable and/or gearshift linkage. It is proposed that the gear pairs for the even gears (G2, G4, G6) and for the odd gears (G1, G3, G5, G7) are arranged side by side in the manner of a dual clutch gear set. To implement an H shift pattern to actuate the clutches (S1 to S4) of the even gears (G2, G4, G6) and the odd gears (G1, G3, G5, G7) a shifter shaft (14, 16) is provided, respectively. The two shifter shafts can be controlled via a common selector and/or shift control system.

(FIG 2)

[see source for figures]

Schaltgasse = shift track